

## ABSTRACT

The present invention achieves technical advantages as a circuit (10) detecting  
5 excess current on a servo driver IC and preventing the disruptive damage which can be  
caused by the excess current. Typically, an isolation (Iso) FET 12 is part of the servo  
driver IC. The detection circuitry (10) has a sensing FET (14) having only a small silicon  
area whereby the detection circuit (10) is independent of the Iso FET current ( $I_{cc}$ ) path,  
being in parallel rather than in series. The detection circuitry also allows production tests  
10 on much smaller current thresholds.